Listed below are the 5 statements about aquatic ecosystems. Choose the term listed in parentheses that will correctly complete the sentence.

|  |  |
| --- | --- |
| 1. | The zone of aquatic ecosystems that has the most food and nutrients is the (**benthic, littoral**) zone. |
| 2. | (**Estuaries, Lakes**) are a mix of salt and fresh water. |
| 3. | Mangrove swamps are (**freshwater, coastal**) wetlands. |
| 4. | One function of wetlands is to (**increase runoff, absorb pollution**). |
| 5. | Photosynthesis doesn’t occur in deep ocean waters because it is too (**dark, cold**). |

Listed below are the 5 statements about biomes. Choose the term listed in parentheses that will correctly complete the sentence.

|  |  |
| --- | --- |
| 1. | A biome that is located just below the Arctic Circle is the (**tundra, taiga**). |
| 2. | (**Chaparral, Taiga**) biomes are dominated by evergreen trees, such as spruce and pines. |
| 3. | Grasslands that have temperatures that don’t vary greatly with the seasons are known as (**savanna, temperate grassland**). |
| 4. | Biomes are defined by their (**region, vegetation**). |
| 5. | Plants in the (**temperate rainforest, tundra**) grow very close to the ground. |

Match each description with the correct biome.

|  |  |  |  |
| --- | --- | --- | --- |
| 1. | Animals in this biome are very diverse in the ways that they capture prey and avoid predation. | a. | tundra |
| 2. | grazing animals common; temperatures vary greatly from season to season | b. | desert |
| 3. | dominated by lichens and mosses that grow close to ground to stay warmer | c. | chaparral |
| 4. | located around Mediterranean Sea and in California; shrubs have leathery leaves that are adapted to fire | d. | temperate grassland |
| 5. | commonly form on dry side of mountains; temperatures can vary greatly from day to night | e. | tropical rainforest |

Listed below are the 5 statements about aquatic ecosystems. Choose the term listed in parentheses that will correctly complete the sentence.

|  |  |
| --- | --- |
| 1. | Because sharks swim freely in the ocean, they are considered to be (**nekton, plankton**). |
| 2. | (**Benthos, Nekton**) are bottom-dwelling organisms, such as worms. |
| 3. | Freshwater wetlands that are dominated by grasses are (**marshes, swamps**). |
| 4. | As a river flows down a mountain, it becomes warmer, wider, and (**slower, faster**). |
| 5. | Coral reefs are primarily made of (**plankton, limestone**). |

Identify each statement as true or false.

|  |  |
| --- | --- |
| 1. | Oceans are threatened by overfishing, industrial waste, and sewage. |
| 2. | Coral reefs are only found in shallow, fresh water. |
| 3. | Wetlands are found in both inland and coastal environments. |
| 4. | Pesticides, oil spills, and sewage all threaten the health of coral reefs. |
| 5. | Wetlands help control flooding. |